

## Special Issue

# Energy System Planning and Design

### Message from the Guest Editors

Regional comprehensive energy systems are the physical manifestation of energy Internet at park level. They can provide users with cold, thermal, electricity, and other energy applications through an efficient utilization of various renewable energy sources and realize the system multi-energy complementary and generation network load storage coordination. However, multienergy flows such as cold, thermal, and electricity in the system have their own physical characteristics, and the network constraints are complex and nonlinear. Identifying how to coordinate the output of each unit to reduce the operating cost of the system, improve the efficiency of renewable energy utilization, and eliminate the uncertainty of supply and demand sides has become an important issue that urgently needs to be solved. Therefore, it is of great practical significance to study the planning and operation of regional integrated energy systems.

### Guest Editors

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### Deadline for manuscript submissions

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## Applied Sciences

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### Editor-in-Chief

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